

Converting Colors

$Yxy(36.9726, 0.2592, 0.3061)$

Have a look what the booklet for
Yxy(36.9726, 0.2592, 0.3061)
contains.

Yxy(37.0148, 0.2592, 0.3063)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(37.0148, 0.2592, 0.3063)

Conversions

Conversions Part 1

Format	Color
Hex	77ACBB
RGB	119, 172, 187
RGB Percent	47%, 67%, 73%
CMY	0.5336, 0.3254, 0.2667
CMYK	0.36, 0.08, 0.00, 0.27
HSL	193°, 33%, 60%
HSV	193°, 36%, 73%
XYZ	31.3230, 37.0148, 52.5071
YIQ	157.8630, -36.4030, -6.5710

Conversions

Conversions Part 2

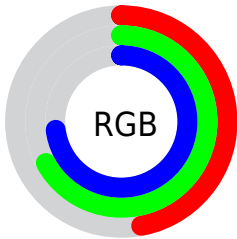
Format	Color
RYB	119, 149, 187
Decimal	7843003
CIELab	67.29, -13.64, -13.24
CIElCh	67, 19.004, 224.150
Yxy	37.0148, 0.2592, 0.3063
Android (android.graphics.Color)	4286033083 (0xFF77ACBB)
YUV	157.8630, 14.3645, -34.0829
Hunter-Lab	60.8398, -14.5700, -8.5817

Details

The Yxy color **37.0148, 0.2592, 0.3063** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.9236, 0.3916, 0.3503**, and the grayscale version is **34.0675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.4079, 0.2696, 0.3106**, and **16.3124, 0.2431, 0.2989** is the 20% darker color. If you saturate the color by 10%, you get **34.2785, 0.2463, 0.2990**, and if you desaturate by 10%, it is **40.0628, 0.2732, 0.3132**.

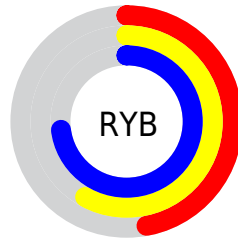
Distribution



Red (47%)

Green (67%)

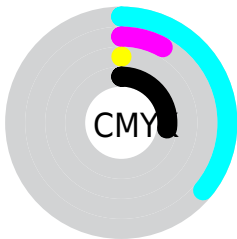
Blue (73%)



Red (47%)

Yellow (58%)

Blue (73%)

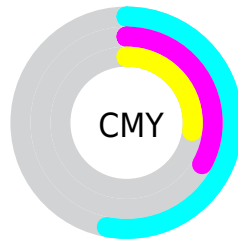


Cyan (36%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (53%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.0148, 0.2592, 0.3063 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 37.0148, 0.2592, 0.3063 by changing the saturation by 10% instead.

■ 37.0148, 0.2592,
0.3063

■ 37.0148, 0.2592,
0.3063

■ 333.3746, 0.2865,
0.3185

■ 25.2189, 0.2523,
0.3030

■ 70.5955, 0.2692,
0.3110

■ 16.2403, 0.2433,
0.2985

■ 93.1492, 0.2729,
0.3126

■ 9.6943, 0.2312,
0.2923

■ 120.0577, 0.2761,
0.3140

■ 5.1968, 0.2142,
0.2830

■ 151.7052, 0.2788,
0.3152

■ 2.3632, 0.1887,
0.2678

■ 188.4763, 0.2811,
0.3162

■ 0.8068, 0.1310,
0.2436

■ 230.7553, 0.2831,

■ 0.0000, 0.0000,

0.3171

0.0000

278.9266, 0.2849,
0.3179

■ 37.0148, 0.2592,
0.3063

■ 37.0148, 0.2592,
0.3063

■ 34.2785, 0.2463,
0.2990

■ 40.0628, 0.2732,
0.3132

■ 31.8338, 0.2347,
0.2913

■ 43.4327, 0.2879,
0.3196

■ 29.6647, 0.2247,
0.2834


■ 47.1395, 0.3030,
0.3255


■ 27.7517, 0.2165,
0.2753


■ 51.1957, 0.3182,
0.3309

■ 26.0722, 0.2103,
0.2673

■ 55.6134, 0.3333,
0.3357


 24.5965, 0.2059,
0.2593

 60.4038, 0.3482,
0.3399

 24.0935, 0.2046,
0.2564

 65.5778, 0.3626,
0.3437

 68.4873, 0.3657,
0.3477

 70.4824, 0.3646,
0.3519

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



37.0148, 0.2696, 0.3323



37.0148, 0.2592, 0.3063



37.0148, 0.2622, 0.2882

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



37.0148, 0.2592, 0.3063



37.0148, 0.3328, 0.3017



37.0148, 0.3469, 0.3795

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



37.0148, 0.2592, 0.3063



28.9236, 0.3916, 0.3503

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



37.0148, 0.3654, 0.3682



37.0148, 0.2592, 0.3063



37.0148, 0.3573, 0.3235

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



37.0148, 0.2592, 0.3063



37.0148, 0.3037, 0.2866



37.0148, 0.3694, 0.3475



37.0148, 0.3197, 0.3765

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



37.0148, 0.2592, 0.3063



37.0148, 0.2715, 0.2824



37.0148, 0.3694, 0.3475



37.0148, 0.3543, 0.3771

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



37.0163, 0.2592, 0.3063



81.1762, 0.2957, 0.3228



41.1707, 0.2976, 0.4132



17.6783, 0.2937, 0.3220



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.0163, 0.2592, 0.3063



62.1817, 0.2484, 0.3002



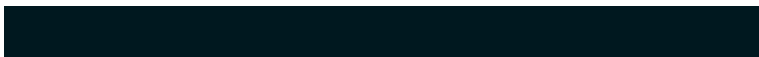
25.7457, 0.2517, 0.2523



10.4434, 0.2985, 0.3238



16.7108, 0.2048, 0.2574



0.7445, 0.2101, 0.2764

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



26.7224, 0.3332, 0.2579



41.5373, 0.3393, 0.2421



39.7956, 0.3751, 0.3952



9.6593, 0.3170, 0.3113



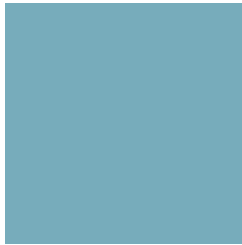
8.7167, 0.3850, 0.1894



0.3505, 0.3668, 0.1794

Previews

White Background



This preview shows how the Yxy color 37.0148, 0.2592, 0.3063 looks on a white background.

Color Contrast Check

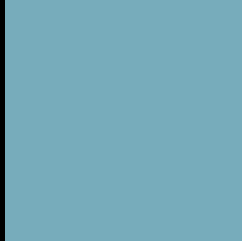
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 37.0148, 0.2592, 0.3063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

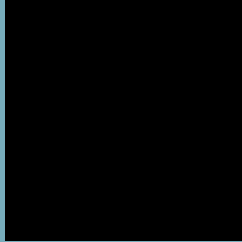
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

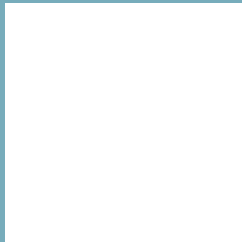
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.0148, 0.2592, 0.3063

Background



This preview shows how black text looks on a background with the Yxy color 37.0148, 0.2592, 0.3063.



This preview shows how white text looks on a background with the Yxy color 37.0148, 0.2592, 0.3063.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

37.0148, 0.2592, 0.3063

Protanopia

36.7539, 0.2956, 0.3022

Deuteranopia

36.6210, 0.2927, 0.2864



Tritanopia

36.9722, 0.2599, 0.3077

Trichromacy



Original Color

37.0148, 0.2592, 0.3063

Protanomaly

36.8023, 0.2814, 0.3043

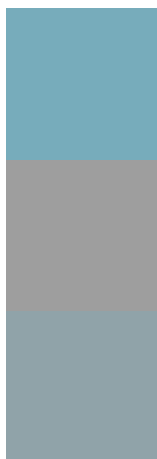
Deuteranomaly

36.6146, 0.2792, 0.2933

Tritanomaly

36.9722, 0.2599, 0.3077

Monochromacy



Original Color

37.0148, 0.2592, 0.3063

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.9883, 0.2904, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0148, 0.2592, 0.3063 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(119, 172, 187)` looks like.

```
.text, #text, p{  
    color:rgb(119, 172, 187)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(119, 172, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 172, 187) }
```

Border

The CSS property to change the border of an element to Yxy 37.0148, 0.2592, 0.3063 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 172, 187) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(119, 172, 187) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(119, 172, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 172, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 172, 187);  
box-shadow:4px 4px 4px 4px rgb(119, 172,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0148, 0.2592, 0.3063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 172, 187) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(119,  
172, 187) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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